



**BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908**

## **NOTICE OF ACCEPTANCE (NOA)**

**PGT Industries  
1070 Technology Drive  
Nokomis, FL 34275**

### **SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

### **DESCRIPTION: Series "SGD-70" Aluminum Sliding Glass Door**

**APPROVAL DOCUMENT:** Drawing No. 4336, titled "Aluminum Sliding Glass Door", sheets 1 through 7 of 7, prepared by manufacturer, dated 6/11/97 and last revised on 09/08/03, signed and sealed by Robert L. Clark, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

### **MISSILE IMPACT RATING: None**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and replaces NOA # 02-0702.10 and 01-0924.03 and consists of this page 1 and evidence page as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

8  
7/11/13



**NOA No 03-0512.03  
Expiration Date: November 08, 2006  
Approval Date: October 02, 2003**

**PGT Industries**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. 4336, titled "Aluminum Sliding Glass Door", sheets 1 through 7 of 7, prepared by manufacturer, dated 6/11/97 and last revised on 09/08/03, signed and sealed by Robert L. Clark, P.E.

**B. TESTS (transferred from file# 01-0924.03)**

1. Test reports on 1) Air Infiltration Test, per PA 202-94  
2) Uniform Static Air Pressure Test, Loading per PA 202-94  
3) Water Resistance Test, per PA 202-94  
4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94  
along with marked-up drawings and installation diagram of an Aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL - 97027(1623), dated 06-09-97, signed and sealed by Gilbert Diamond, P.E.
2. Photo copies of test reports on 1) Air Infiltration Test, per PA 202-94  
2) Uniform Static Air Pressure Test, Loading per PA 202-94  
3) Water Resistance Test, per PA 202-94  
6) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94  
Test report prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL - 97027(11682), dated 10-09-97, signed and sealed by Gilbert Diamond, P.E.
3. Additional photo copies test report submitted via fax dated 10-17-01(For air & water)  
Test reports on 1) Air Infiltration Test, per PA 202-94  
2) Uniform Static Air Pressure Test, Loading per PA 202-94  
3) Water Resistance Test, per PA 202-94  
4) Large Missile Impact. Test per SFBC PA 201-94.  
5) Cyclic Wind Pressure Loading per SFBC, PA 203-94  
6) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94  
Test report prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL - 97069(1795), dated 10-10-97, signed and sealed by Gilbert Diamond, P.E.
4. Additional test report FTL02081 (3510) for mortise lock qualification only.

**C. CALCULATIONS (transferred from file# 01-0924.03)**

1. Anchor Calculations and Comparative Analysis, dated 12-08-97 and 1-19-98 and last revised on 08-26-03, signed and sealed by Robert L. Clark, P.E.
2. Glazing calculation per ASTM E-1300-98, dated October 11, 2001 and 08-26-03, signed and sealed by Robert L. Clark, P. E.

**D. QUALITY ASSURANCE BY:**

1. Miami-Dade County, Building Code Compliance Office (BCCO)

**E. MATERIAL CERTIFICATIONS: None**

**F. STATEMENTS**

1. Statement letter of conformance & statement letter of no financial interest dated January 19, 1998, signed and sealed by Robert L. Clark, P.E.
2. Laboratory compliance statements as part of the reports.
3. Request for revision & withdrawal of discontinued impact unit by Robert L. Clark, P.E.

**G. OTHER**

1. This NOA revises and replaces NOA(s) 02-0702.10 and 01-0924.03.

Ishaq I. Chanda  
Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No 03-0512.03  
Expiration Date: November 08, 2006  
Approval Date: October 02, 2003

6. REFERENCE TEST REPORTS: FTL-1623 AND FTL-1682

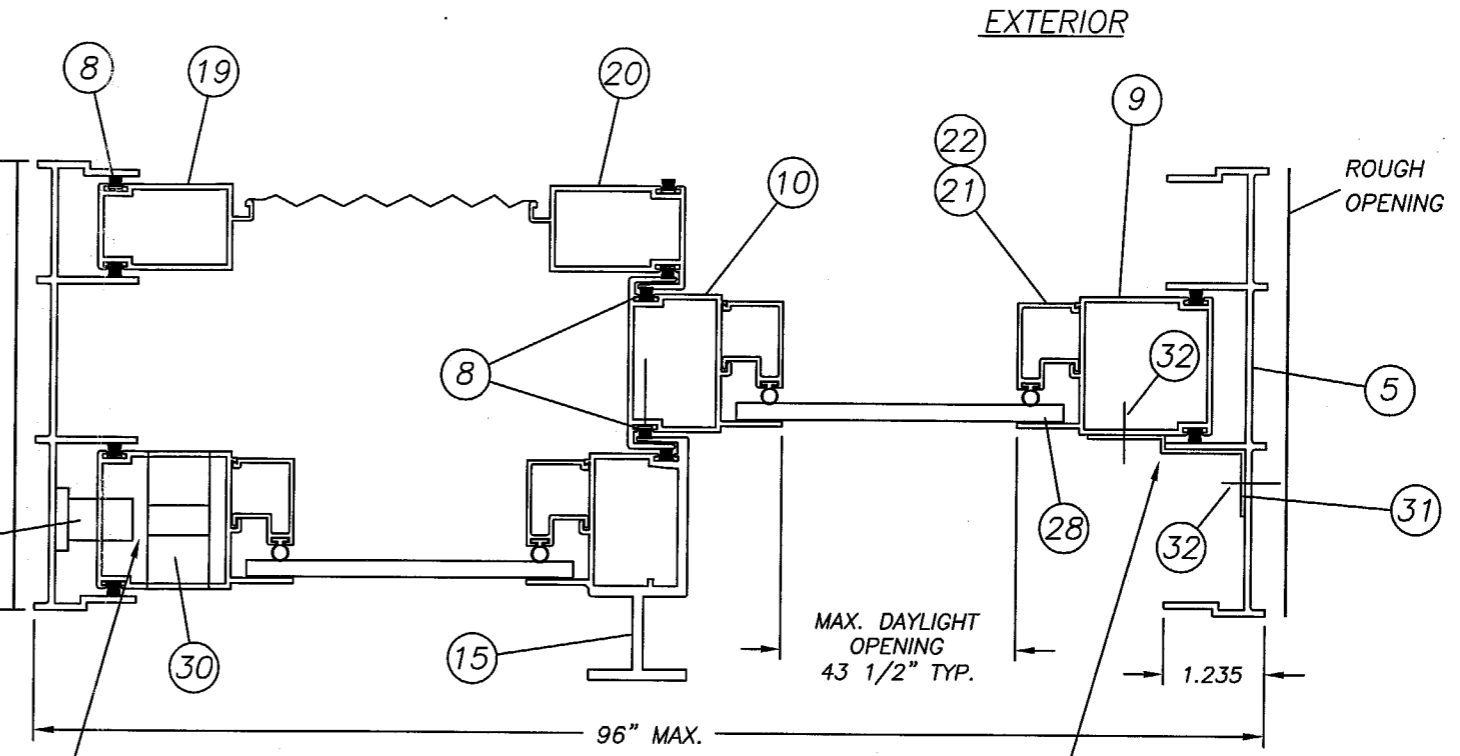
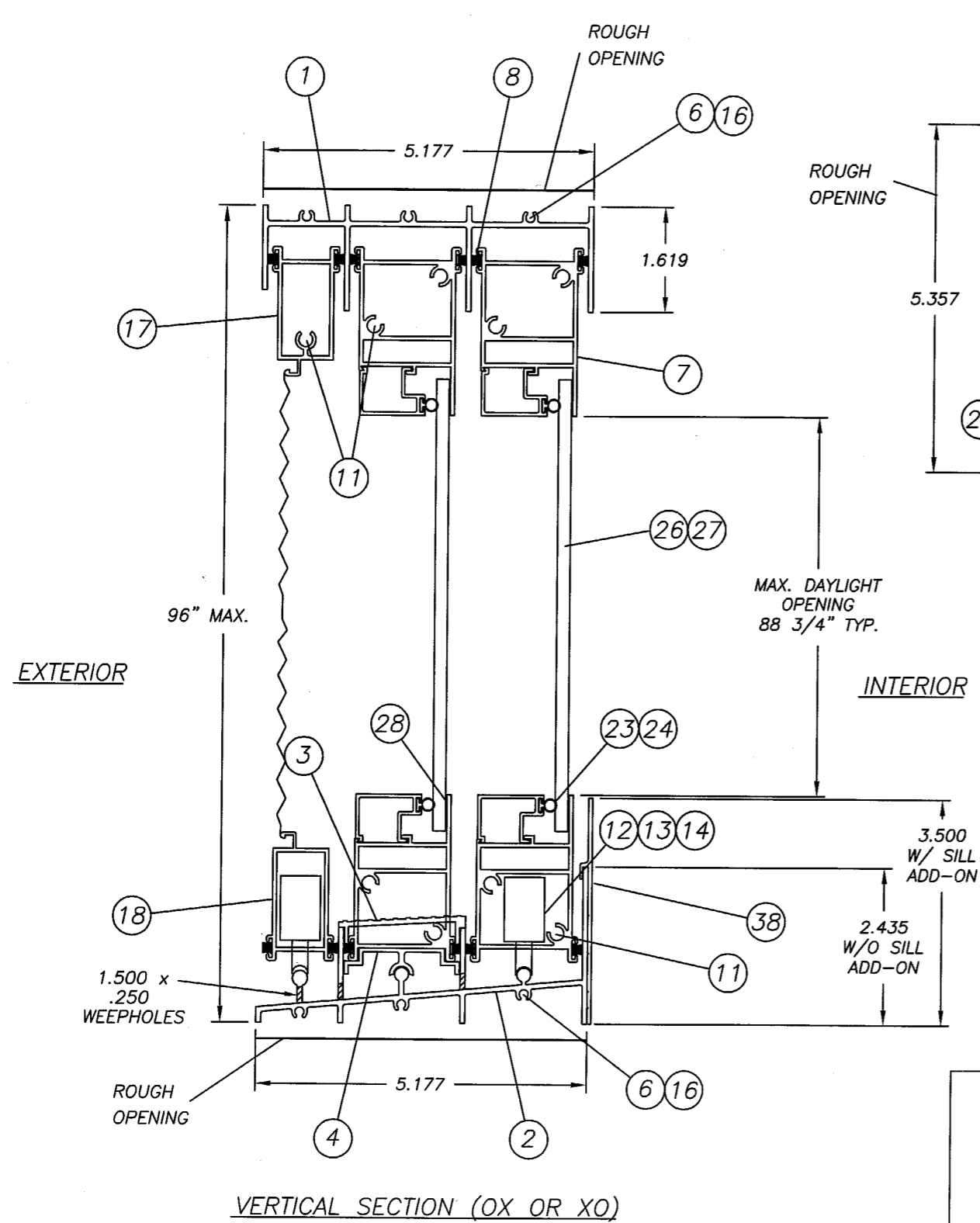
## 533

Series/Model: SGD-70	Scale: NTS	Sheet: 1 of 7	Drawing No. 4336	Rev: H
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Robert L. Clark, P.E.  
PE #39712  
Structural

P.O. BOX 1529  
NOKOMIS, FL 34274

SEE SHEETS 2 AND 3 OF 7 FOR SECTION DETAILS



**HORIZONTAL SECTION (OX OR XO)**

FIXED PANEL JAMB STILE FASTENED TO RIGHT FRAME JAMB W/ ONE ALUMINUM ANCHOR CLIP, ITEM 31 7" FROM EACH END AND TWO IN BETWEEN 24" O.C., EACH FASTENED W/ TWO NO. 8 BY 1" PAN HEAD SHEET METAL SCREW, ITEM 32.

SEE SHEET 7 FOR ALTERNATE MORTISE LOCK & HANDLES

REFERENCE TEST REPORTS: FTL-1623, FTL-1682

*Robert L. Clark*  
9/9/03  
Robert L. Clark, P.E.  
PE #39712  
Structural

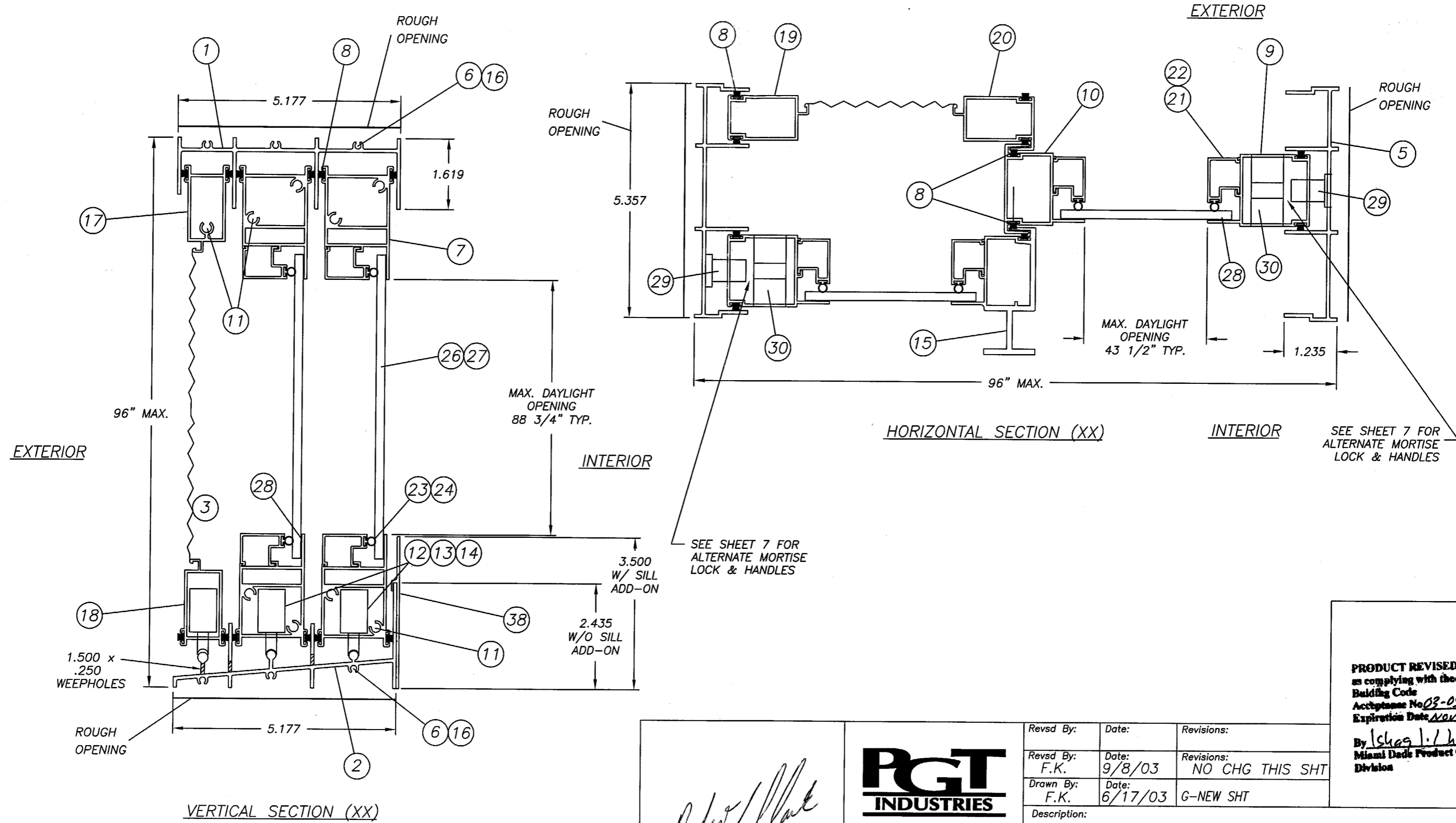


1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274

Revsd By: F.K.	Date: 9/8/03	Revisions: H-NO CHG THIS SHT
Revsd By: F.K.	Date: 6/16/03	Revisions: G-UPDATE NOTATIONS
Revsd By: F.K.	Date: 6/3/03	Revisions: F-REMOVE ITEM 25
Revsd By: F.K.	Date: 2/4/03	Revisions: E-ADD LOCK NOTATION
Revsd By: F.K.	Date: 10/12/01	Revisions: D-LG MISSILE SHT
Revsd By: D.B.	Date: 6/23/98	Revisions:
Drawn By: D.B.	Date: 6/11/97	

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Adopted No 03-051203  
Expiration Date: NOV 8, 2006  
By: (Signature)  
Miami Dade Product Control  
Division

Description: SECTION VIEWS - XO (W/O REINF.)				
Title: ALUMINUM SLIDING GLASS DOOR				
Series/Model: SGD-70	Scale: NTS	Sheet: 2 of 7	Drawing No. 4336	Rev: H



PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 03-0512.03  
 Expiration Date NOV 08, 2006  
 By *Isaac J. L. L. L.*  
 Miami Dade Product Control  
 Division

*Robert L. Clark*  
 9/9/03  
 Robert L. Clark, P.E.  
 PE #39712  
 Structural



1070 TECHNOLOGY DRIVE  
 NOKOMIS, FL 34275  
 P.O. BOX 1529  
 NOKOMIS, FL 34274

Revsd By:	Date:	Revisions:
Revsd By:	Date:	Revisions:
Drawn By:	Date:	Revisions:
Description:		
Title:		
Series/Model:		
Scale:		
Sheet:		
Drawing No.		
Rev:		

NO CHG THIS SHT

G-NEW SHT

SECTION VIEWS - XX (W/O REINF.)

ALUMINUM SLIDING GLASS DOOR

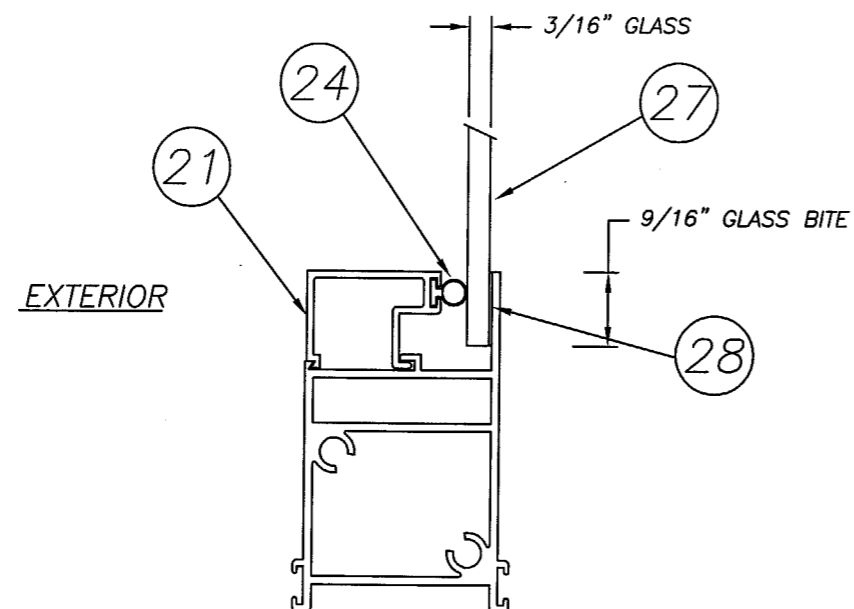
SGD-70

NTS

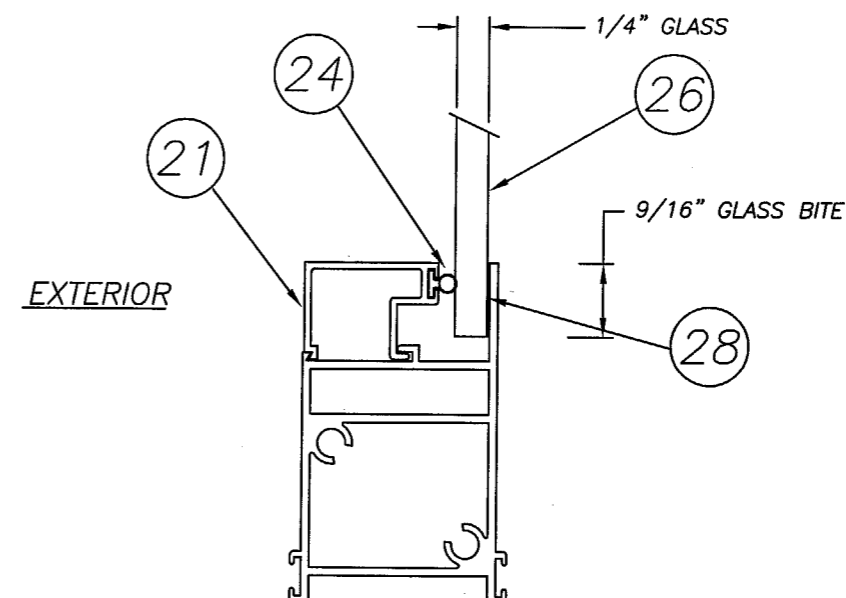
3 of 7

4336

H



3/16" TEMPERED GLASS  
FOR NON-IMPACT  
TEST REPORT: FTL-1623



1/4" TEMPERED GLASS  
FOR NON-IMPACT  
TEST REPORT: FTL-1682

*Robert L. Clark*  
 9/1/03  
 Robert L. Clark, P.E.  
 PE #39712  
 Structural

**P&G  
INDUSTRIES**

1070 TECHNOLOGY DRIVE  
 NOKOMIS, FL 34275

P.O. BOX 1529  
 NOKOMIS, FL 34274

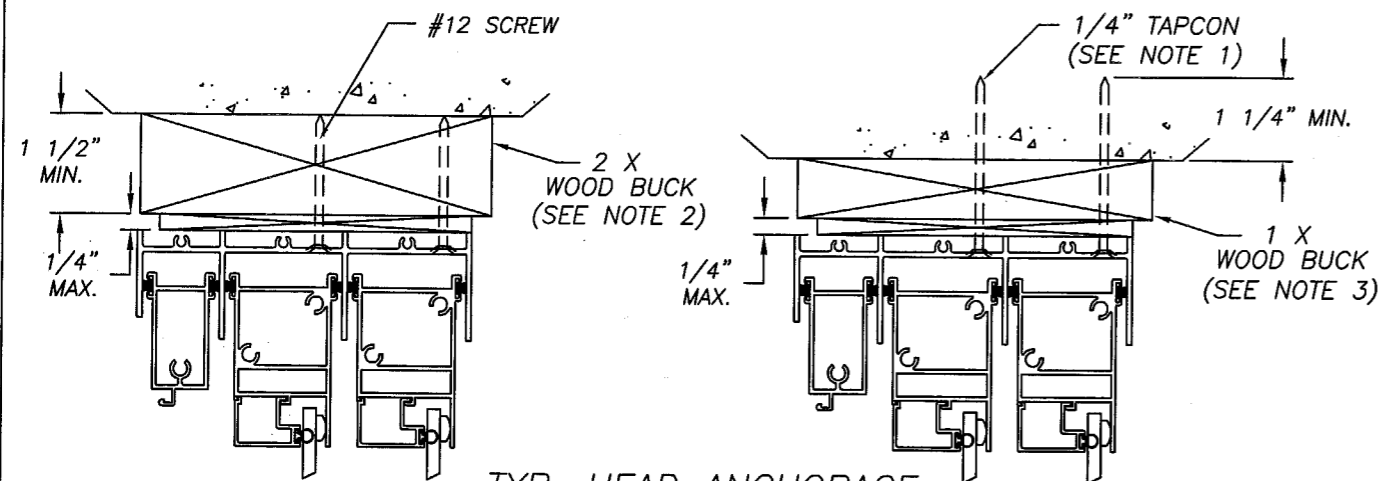
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Revsd By: F.K.	Date: 6/16/03	Revisions: G-ADD EXT. NOTE
Revsd By: F.K.	Date: 6/3/03	Revisions: F-REMOVE DS 456 OPT
Revsd By: F.K.	Date: 2/4/03	Revisions: E-NO CHG THIS SHT
Revsd By: F.K.	Date: 10/12/01	Revisions: D-LG MISSILE SHT
Revsd By: D.B.	Date: 6/23/98	Revisions:
Drawn By: D.B.	Date: 6/11/97	

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No 03-0512.03  
 Expiration Date: NOV 28, 2006  
 By Ishag I. Chande  
 Miami Dade Product Control  
 Division

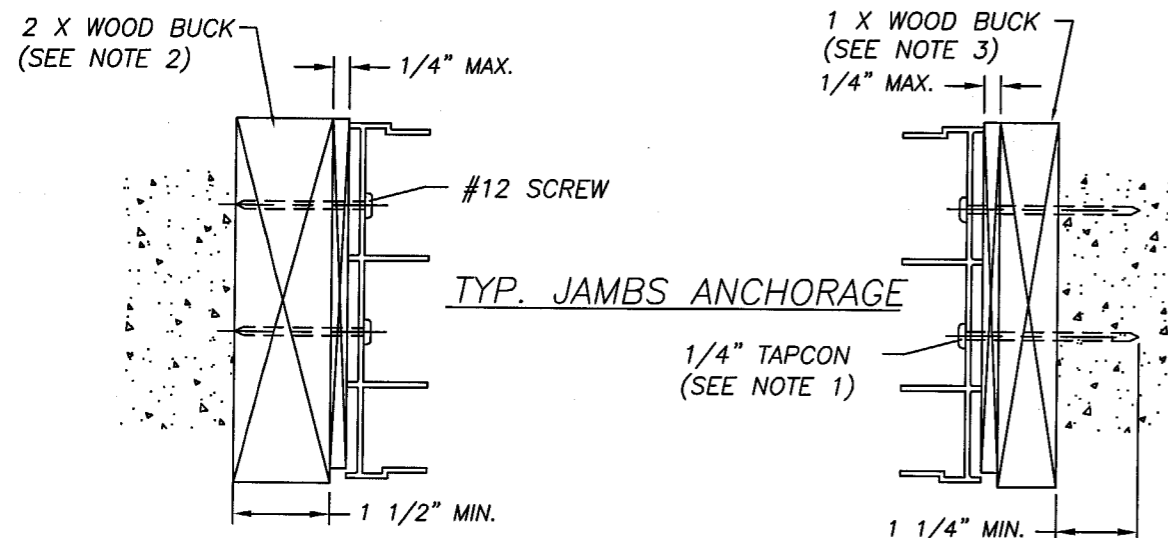
Description:  
 GLAZING OPTIONS

Title:  
 ALUMINUM SLIDING GLASS DOOR

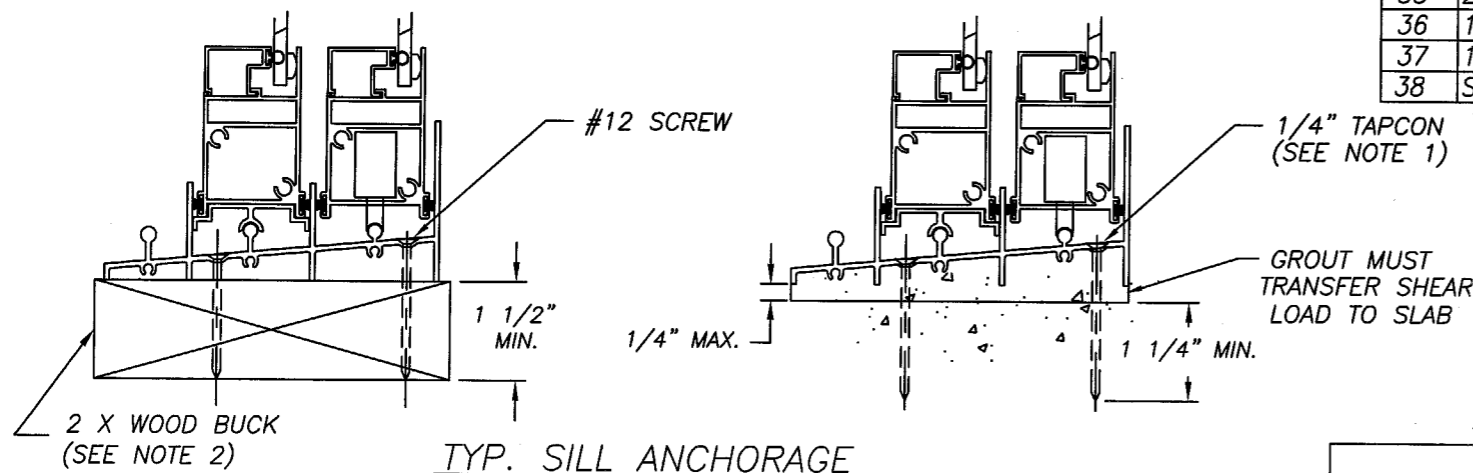
Series/Model: SGD-70	Scale: NTS	Sheet: 4 of 7	Drawing No. 4336	Rev: H
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TYP. HEAD ANCHORAGE



TYP. JAMBS ANCHORAGE



TYP. SILL ANCHORAGE

#### NOTES:

- USE ONLY MIAMI-DADE COUNTY APPROVED ELCO OR ITW TAPCONS.  
1/4" TAPCON SPECIFICATION: F yield MIN. = 177,000 PSI F ultimate min. = 187,000 PSI  $\Delta$
- INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS 1 1/2" OR MORE THICK TO BE ENGINEERED, PROPERLY ATTACHED TO TRANSFER LOAD AND TO BE REVIEWED BY BUILDING OFFICIAL.  $\Delta$
- INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS LESS THAN 1 1/2" THICK TO BE ENGINEERED, PROPERLY ATTACHED TO TRANSFER LOAD AND TO BE REVIEWED BY BUILDING OFFICIAL.  $\Delta$
- REFERENCE TEST REPORTS: FTL-1623 & FTL-1682

ITEM	DESCRIPTION	PGT #	QTY.	VENDOR	VENDOR #
1	FRAME HEAD, 2-TRACK	612245	1	6063-T5	AF-12245
2	FRAME SILL, 2-TRACK	612246	1	6063-T5	AF-12246
3	THRESHOLD COVER, 2-TRACK	612255	1	6063-T5	AF-12255
4	FIXED ADAPTER, FRAME SILL	612254	1	6063-T5	AF-12254
5	FRAME JAMB, 2-TRACK	612247	2	6063-T5	AF-12247
6	#8 x .875", PH. PN. SMS	78X78	12	MERCHANTS FAST.	
7	RAIL, TOP & BOTTOM (PANEL)	612248	2	6063-T5	AF-12248
8	WSTP, .170 BACK x.270, FIN SEAL	61235W	24	SCHLEGEL CORP.	
9	FIXED PANEL, SIDE RAIL	612249	2	6063-T5	AF-12249
10	FIXED PANEL, MEETING RAIL	64308	1	6063-HST54	45296
11	#14 x 1.500" PH. PN. SMS	714X112	20	MERCHANTS FAST.	
12	ROLLER, STEEL	71049	2 (@ each end of op. pnl bot. rail)	TRUTH HARDWARE	39-10
13	ROLLER, STAINLESS STEEL	71050X	2	TRUTH HARDWARE	39-13
14	ASTRAGAL SCREW COVER CAP	41722	2	POLYPROPYLENE	
15	OPER. PANEL, SIDE RAIL	64326	2	6063-HST54	44960
16	SEAM SEALER	6SM55W		SCHNEE-MOREHEAD	SM5504
17	FRAME, TOP RAIL SCREEN	612256	1	6063-T5	AF-12256
18	FRAME, BOT. RAIL SCREEN	612257	1	6063-T5	AF-12257
19	FRAME, SIDE RAIL SCREEN	612258	1	6063-T5	AF-12258
20	RAIL, SCREEN MEETING	612259	1	6063-T5	AF-12259
21	GLAZING BEAD (1/4")	612260	8	6063-T5	AF-12260
22	1/4" x 1 3/8" REINFORCEMENT		(2) OPTIONAL		
23	BULB VINYL, THIN WALL GLZ. BD.	6TP247K	8	TEAM PLASTICS	TP-247
24	BULB VINYL, THICK WALL GLZ. BD.	6TP248K	8	TEAM PLASTICS	TP-248
26	1/4" TEMPERED GLASS		2	PPG. LOF	
27	3/16" TEMPERED GLASS		2	PPG. LOF	
28	SILICONE	62899C		DOW CORNING	899 OR 995
29	LATCH KEEPER	1046	1/Operable jamb, 38" from bottom	NATIONWIDE	DNS1400 #685
30	FLUSH MTG. HOOK-LOCK & HANDLE SET	1045	1/Operable lockstile, 40" from bottom	NATIONWIDE	DNS1400 #12, #13
31	FIXED PANEL CLIP	612262	4 (attaches fixed panel to jamb)	6063-T5	AF-12262
32	#8 x 1 Ph. Pn. SMS	78X1PPA	8		684
33	1.5" x .25" OPEN CELL FOAM PAD		5 (@ intermediate panel weepholes)		
34	1.75"x1x.5 Adh. closed cell foam pad		2 (head @ top of panel interlock)		
35	2.25x1.75 PLASTIC CURE w/PILE PAD		4 (@ top & bot./op. panel intrlock)		
36	1.75x.750 ADHESIVE PILE PADS		4 (sill/bot. of op. panel interlock)		
37	1.625x1" ADHESIVE PILE PADS		4 (@ each lower frame corner)		
38	STD. SILL 3 1/2" ADD-ON	64361	1 When req'd. (see sht. 1)	6063-T5	45434

Revsd By: F.K.	Date: 9/8/03	Revisions: H-UPDATE ANCHORAGE NOTES
Revsd By: F.K.	Date: 6/16/03	Revisions: G-UPDATE P/L & ANCHORS
Revsd By: F.K.	Date: 6/3/03	Revisions: F-REMOVE ITEM 25
Revsd By: F.K.	Date: 2/4/03	Revisions: E-MOD. 1x, ADD SHIM DIM.
Revsd By: F.K.	Date: 10/12/01	Revisions: LG MISSILE SHT
Revsd By: D.B.	Date: 6/23/98	Revisions:
Drawn By: D.B.	Date: 6/11/97	

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 03-0512.03  
Expiration Date: 11/08/2006  
By: [Signature] I. Uquida  
Miami Dade Product Control  
Division

#### ANCHORAGE DETAIL & PARTS LIST

Title:  
ALUMINUM SLIDING GLASS DOOR

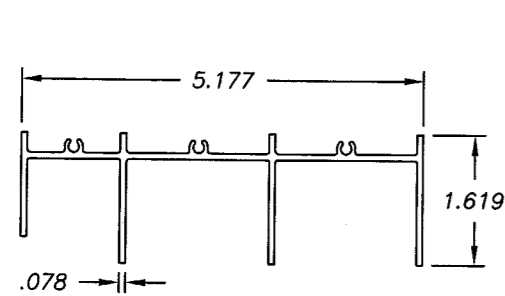
Series/Model: SGD-70	Scale: NTS	Sheet: 5 of 7	Drawing No. 4336	Rev: H
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**PGT**  
INDUSTRIES

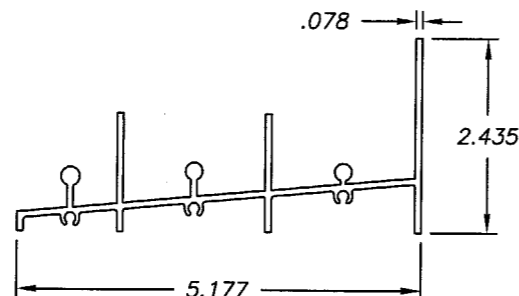
1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275

P.O. BOX 1529  
NOKOMIS, FL 34274

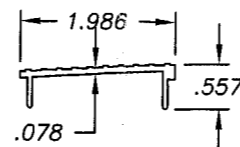
Robert L. Clark, P.E.  
PE #39712  
Structural



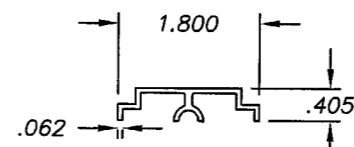
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2-TRACK HEAD  
6063-T5



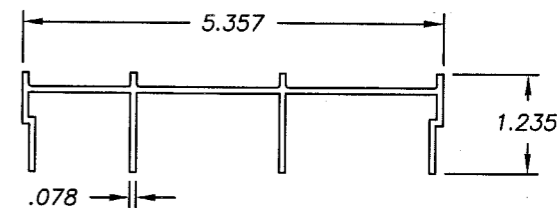
2 DWG.#4303  
2-TRACK SILL  
6063-T5



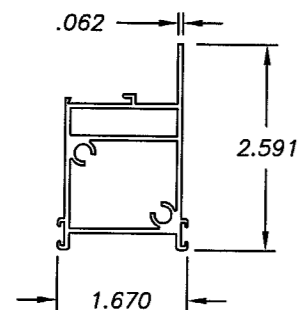
3 DWG.#4315  
2-TRACK THRESHOLD  
6063-T5



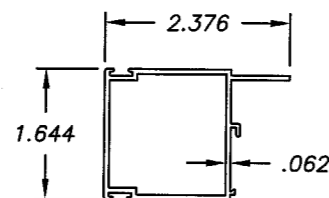
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FIXED PANEL ADAPTER  
6063-T5



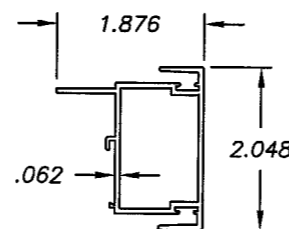
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2-TRACK JAMB  
6063-T5



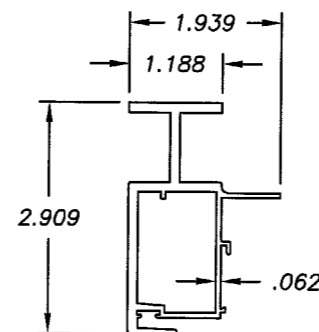
7 DWG.#4305  
TOP & BOT. RAIL  
6063-T5



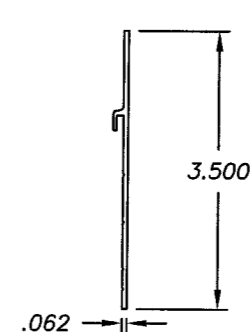
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SIDE RAIL  
6063-T5



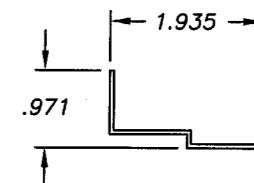
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MEET. RAIL (FIXED)  
6063-T5



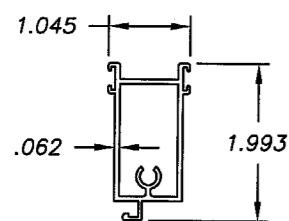
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MOVING PANEL  
MEETING RAIL  
6063-T5



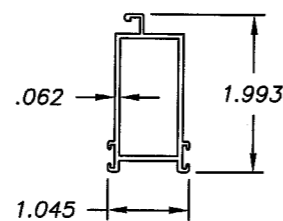
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STD. SILL ADD-ON  
6063-T5



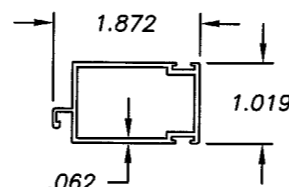
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FIXED PANEL CLIP  
6063-T5



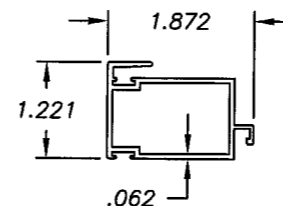
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SCREEN TOP RAIL  
6063-T5



18 DWG.#4318  
SCREEN BOT. RAIL  
6063-T5



19 DWG.#4319  
SCREEN SIDE RAIL  
6063-T5



20 DWG.#4320  
SCREEN MEET. RAIL  
6063-T5

Revsd By: F.K.	Date: 9/8/03	Revisions: H-NO CHG THIS SHT
Revsd By: F.K.	Date: 6/16/03	Revisions: G-ADD ITEM 38
Revsd By: F.K.	Date: 6/3/03	Revisions: F-NO CHG THIS SHT
Revsd By: F.K.	Date: 2/4/03	Revisions: E-NO CHG THIS SHT
Revsd By: F.K.	Date: 10/12/01	Revisions: LG MISSILE SHT
Revsd By: F.K.	Date: 9/11/01	Revisions: NEW SHT.
Drawn By: F.K.	Date: 9/11/01	

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 03-0512-03  
Expiration Date NOV 08, 2006  
By Ishag I. Chandra  
Miami Dade Product Control  
Division

Description:  
EXTRUSION PROFILES

Title:  
ALUMINUM SLIDING GLASS DOOR

Series/Model: SGD-70	Scale: NTS	Sheet: 6 of 7	Drawing No. 4336	Rev: H
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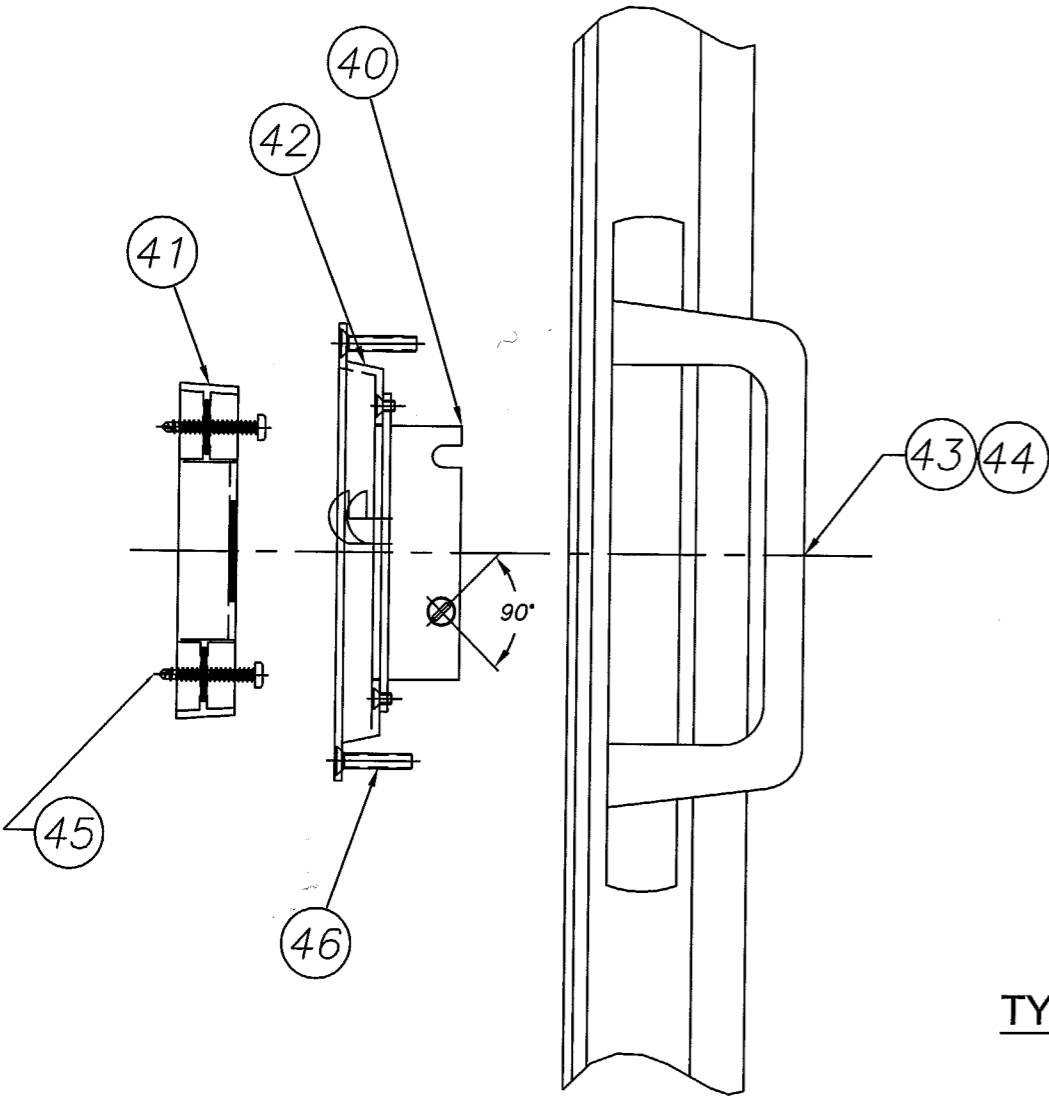
REFERENCE TEST REPORTS: FTL-1623, FTL-1682

Robert L. Clark, P.E.  
PE #39712  
Structural  
9/9/03

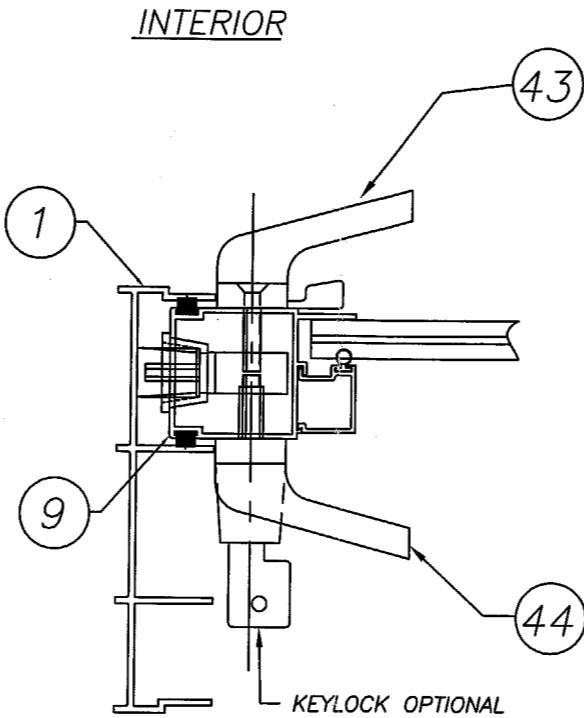
**P&T**  
**INDUSTRIES**

1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274

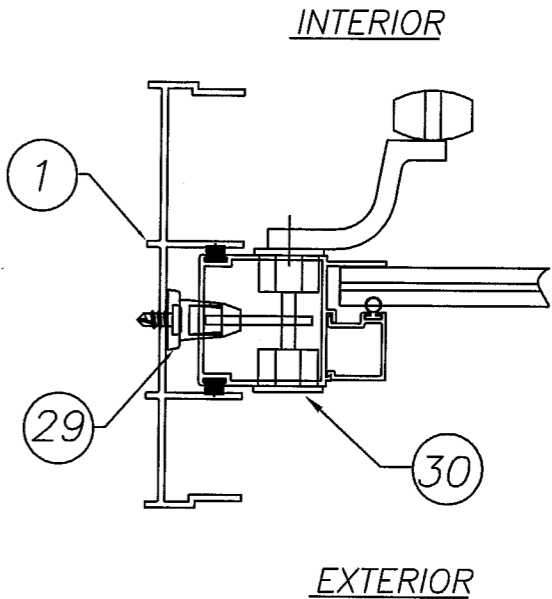
ITEM	DESCRIPTION	PGT #	QTY.	VENDOR	VENDOR #
40	MORTISE LOCK, SURF. MOUNTING	73009NFPX	1 (3 PLY HOOK & INT. THUMB KEY OPERATOR)	TRUTH	
41	MORTISE LOCK KEEPER	22507MLK	1	TRUTH	
42	MORTISE LOCK RECESS ADAPTER	72260MLRA	1	TRUTH	
43	INTERIOR PULL HANDLE		1	TRUTH	
44	EXTERIOR PULL HANDLE (OPT. LOCK)		1	TRUTH	
45	#8 x 1 1/4 PH PN SMS	78X1250PPA	2 (ATTACHES KEEPER)	SCHERER	
46	#10-32 x 1 PH FH TYPE F SS	71032x1FPFX	2 (ATTACHES MORTISE LOCK)	SCHERER	



MORTISE LOCK COMPONENTS



EXTERIOR



HOOK-LOCK CONFIGURATION  
(SEE SHEET 5 OF 7 FOR PARTS LIST)

TYPICAL 'XO', 'OX' OR 'XX' CONFIGURATION

*Robert L. Clark*  
9/9/03  
Robert L. Clark, P.E.  
PE #39712  
Structural



1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274

Revsd By: F.K.	Date: 9/8/03	Revisions: H-NO CHG THIS SHT
Revsd By: F.K.	Date: 6/16/03	Revisions: G-ADD HOOK-LOCK DETAIL
Revsd By: F.K.	Date: 6/3/03	Revisions: F-NO CHG THIS SHT
Revsd By: F.K.	Date: 2/4/03	Revisions: E-ADD ALT. LOCK ASSY
Drawn By: F.K.	Date: 2/4/03	

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 03-0512.03  
Expiration Date NOV 8, 2006  
By Iskag I. Chandra  
Miami Dade Product Control  
Division

Description:  
LOCK & HANDLE DETAILS  
Title:  
ALUMINUM SLIDING GLASS DOOR

Series/Model: SGD-70	Scale: NTS	Sheet: 7 of 7	Drawing No. 4336	Rev: H
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